

AMENDMENTS TO THE CLAIMS

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~~CLAIM 1 (CURRENTLY AMENDED): A seal assembly comprising dimensioned to fit within an adapter member for a bicycle bottom bracket containing an axle, wherein the seal assembly comprises:~~

~~a support that includes a laterally inwardly facing surface, a laterally outwardly facing surface, a radially inner portion and a radially outer portion, wherein the laterally inwardly facing surface faces laterally inwardly relative to the bicycle when the seal assembly is mounted to the bicycle;~~

~~an outer seal extending circumferentially around a radially outer surface of the support; and an inner seal extending circumferentially around a radially inner surface of the support; and wherein the outer seal and the inner seal are disposed on opposite lateral sides of the support.~~

~~CLAIM 2 (ORIGINAL): The seal assembly according to claim 1 wherein the outer seal extends around an outer peripheral surface of the support.~~

~~CLAIM 3 (ORIGINAL): The seal assembly according to claim 1 wherein the inner seal extends around an inner peripheral surface of the support.~~

~~CLAIM 4 (ORIGINAL): The seal assembly according to claim 1 wherein the outer seal extends around an outer peripheral surface of the support, and wherein the inner seal extends around an inner peripheral surface of the support.~~

~~CLAIM 5 (ORIGINAL): The seal assembly according to claim 4 wherein the support comprises a tubular member.~~

~~CLAIM 6 (ORIGINAL): The seal assembly according to claim 1 wherein the support comprises an annular base member.~~

~~CLAIM 7 (ORIGINAL): The seal assembly according to claim 6 wherein the inner seal is disposed at a radially inner edge of the base member.~~

CLAIM 8 (ORIGINAL): The seal assembly according to claim 6 wherein the support further comprises an inner ledge extending from a radially inner side of the base member.

CLAIM 9 (ORIGINAL): The seal assembly according to claim 8 wherein the inner ledge comprises an inner tubular member.

CLAIM 10 (ORIGINAL): The seal assembly according to claim 9 wherein the inner tubular member includes a radially outwardly extending protuberance spaced apart from the base member.

CLAIM 11 (ORIGINAL): The seal assembly according to claim 9 wherein the inner tubular member extends from a radially inner edge of the base member.

CLAIM 12 (ORIGINAL): The seal assembly according to claim 11 wherein the inner seal is disposed at a radially inner edge of the base member opposite the inner tubular member.

CLAIM 13 (ORIGINAL): The seal assembly according to claim 6 wherein the support further comprises an outer ledge extending from a radially outer side of the base member.

CLAIM 14 (ORIGINAL): The seal assembly according to claim 13 wherein the outer ledge comprises an outer tubular member.

CLAIM 15 (ORIGINAL): The seal assembly according to claim 14 wherein the outer seal is disposed around an outer peripheral surface of the outer tubular member.

CLAIM 16 (ORIGINAL): The seal assembly according to claim 6 wherein the support further comprises:

- an inner ledge extending from a radially inner side of the base member; and
- an outer ledge extending from a radially outer side of the base member.

CLAIM 17 (ORIGINAL): The seal assembly according to claim 16 wherein the inner ledge comprises an inner tubular member, and wherein the outer ledge comprises an outer tubular member.

CLAIM 18 (ORIGINAL): The seal assembly according to claim 17 wherein the inner tubular member includes a radially outwardly extending protuberance spaced apart from the base member.

CLAIM 19 (ORIGINAL): The seal assembly according to claim 17 wherein the inner tubular member extends from a radially inner edge of the base member.

CLAIM 20 (ORIGINAL): The seal assembly according to claim 19 wherein the inner seal is disposed at a radially inner edge of the base member opposite the inner tubular member, and wherein the outer seal is disposed around an outer peripheral surface of the outer tubular member.

CLAIM 21 (ORIGINAL): The seal assembly according to claim 20 wherein the inner tubular member and the outer tubular member extend from a same side of the base member.

CLAIM 22 (ORIGINAL): An adapter assembly for a bicycle bottom bracket comprising:  
a tubular adapter member having an inner peripheral surface;  
a seal assembly comprising:

an annular base member;  
an outer seal extending circumferentially around a radially outer surface of the base member and contacting the adapter member; and  
an inner seal extending circumferentially around a radially inner surface of the base member.

CLAIM 23 (ORIGINAL): The adapter assembly according to claim 22 wherein the seal assembly further comprises:

an inner ledge extending from a radially inner side of the base member; and  
an outer ledge extending from a radially outer side of the base member;  
wherein the outer seal is disposed between the outer ledge and the inner peripheral surface of the adapter member.

CLAIM 24 (ORIGINAL): The adapter assembly according to claim 23 wherein the inner seal is disposed at a radially inner edge of the base member.

CLAIM 25 (ORIGINAL): The adapter assembly according to claim 24 wherein the inner ledge includes a radially outwardly extending protuberance spaced apart from the base member.

CLAIM 26 (ORIGINAL): The adapter assembly according to claim 24 further comprising a bushing disposed at the inner peripheral surface of the adapter member and facing the inner ledge.

CLAIM 27 (ORIGINAL): The adapter assembly according to claim 26 wherein the bushing includes a radially inwardly extending bushing protuberance.

CLAIM 28 (ORIGINAL): The adapter assembly according to claim 27 wherein the bushing protuberance is disposed at a central portion of the bushing.

CLAIM 29 (ORIGINAL): The adapter assembly according to claim 24 wherein the inner ledge and the outer ledge extend from a same side of the base member.

CLAIM 30 (ORIGINAL): The adapter assembly according to claim 29 wherein the inner ledge comprises an inner tubular member, and wherein the outer ledge comprises an outer tubular member.

CLAIM 31 (ORIGINAL): The adapter assembly according to claim 30 further comprising an annular bushing disposed at the inner peripheral surface of the adapter member and facing the inner tubular member.

CLAIM 32 (ORIGINAL): The adapter assembly according to claim 31 further comprising a bearing disposed between the bushing and the inner tubular member.

CLAIM 33 (ORIGINAL): The adapter assembly according to claim 32 wherein the bearing comprises:

an inner bearing race;

an outer bearing race; and

a plurality of ball bearings disposed between the inner bearing race and the outer bearing race.

CLAIM 34 (ORIGINAL): The adapter assembly according to claim 33 wherein the bushing includes a radially inwardly extending bushing protuberance.

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CLAIM 35 (ORIGINAL): The adapter assembly according to claim 34 wherein the bushing protuberance is disposed at a central portion of the bushing.

CLAIM 36 (ORIGINAL): The adapter assembly according to claim 33 wherein the bushing and the inner tubular member both are formed of a nonmetallic material.